
Product Specification

Product Name: MYP Agar Base (Mannitol egg yolk polymyxin)

Product Code: SG7350 / SG7351

PRODUCT DESCRIPTION:

MYP Agar Base (Mannitol egg yolk polymyxin) is used for the enumeration of *Bacillus cereus* in food samples. This product is available in both dehydrated and granulated form.

Use:

Stir to suspend 46.0 g of dehydrated/granulated medium in 950 mL distilled H₂O. Mix well with heat with frequent agitation. Boil for one minute then autoclave it at 121 °C for 15min. Allow to cool (40– 45°C) before aseptically adding one vial each of 50% Egg Yolk Suspension (SG7353) and 1 mg Polymyxin B (SG7352) to every 95 mL of the medium. Dispense into petri dishes. For laboratory use only.

Components:

Peptone - 10.0 g/L

Beef Extract Powder - 1.0 g/L

Mannitol - 10.0 g/L

Sodium Chloride - 10.0 g/L

Phenol red – 0.026 g/L

Agar - 15.0 g/L

Item	Description
<u>Physical and Chemical Tests</u>	
Appearance (dry):	Pinkish Powder / Granules
pH (@25°C):	7.3 ± 0.1
<u>Microbiological Tests</u>	
<i>Bacillus cereus</i> (CMCC(B)63303)	<u>Quality Control Results</u> PR ≥ 0.7; colonies are slightly pink with a light pink precipitation ring around them
<i>Bacillus subtilis</i> (CMCC(B)63501)	Yellow colonies, no precipitation ring
<i>Escherichia coli</i> (ATCC25922)	G ≤ 1

* The microbiological test results were obtained from type cultures after incubation at a temperature of 30 ± 2°C and observed after 24 to 48 hours.

Storage: Store in a dry and dark place at room temperature. Tighten the cap immediately after use.